

Sh
ad

We claim:

1. A refrigerator door, comprising:

an outer paneling having a free edge portion and being made from a metallic material;

an inner paneling having an edge portion and being made from metallic material, said inner paneling spaced from said outer paneling;

a thermal insulation layer produced by foaming, said thermal insulation layer disposed between said outer paneling and said inner paneling;

a thermally insulating couple connecting said edge portion to said free edge portion, said couple substantially thermally uncoupling said edge portion from said free edge portion.

2. The refrigerator door according to claim 1, wherein:

said thermally insulating couple is a plastic fastening element of a door seal; and

said fastening element is disposed between said edge portion and said free edge portion.

00933054-082001
100280-450E660

3. The refrigerator door according to claim 1, wherein said thermally insulating couple is a plastic profile with a receptacle, said plastic profile:

is disposed between said edge portion and said free edge portion;

bridges said edge portion and said free edge portion in a substantially liquid-tight manner; and

including a door seal, said receptacle releasably holding said door seal.

4. The refrigerator door according to claim 3, wherein:

said plastic profile has at least one receptacle; and

at least one of said door seal, said edge portion, and said free edge portion is inserted into said at least one receptacle.

5. The refrigerator door according to claim 3, wherein said plastic profile has at least one receiving groove fixing at least one of:

said edge portion of said inner paneling; and

09933054-082001

said free edge portion of said outer paneling.

6. The refrigerator door according to claim 3, wherein said plastic profile has two receiving grooves fixing said edge portion and said free edge portion.

7. The refrigerator door according to claim 1, wherein:

the refrigerator door is to be connected to a door seal; and

said thermally insulating couple is a plastic profile with a receptacle, said plastic profile:

is disposed between said edge portion and said free edge portion;

bridges said edge portion and said free edge portion in a substantially liquid-tight manner; and

said receptacle is configured to releasably hold the door seal.

8. The refrigerator door according to claim 7, wherein:

said plastic profile has at least one receptacle; and

338
at least one of said edge portion and said free edge portion is inserted into said at least one receptacle.

9. The refrigerator door according to claim 7, wherein:

said plastic profile has at least one receptacle; and

at least one of the door seal, said edge portion, and said free edge portion is inserted into said at least one receptacle.

10. The refrigerator door according to claim 7, wherein said plastic profile has at least one receiving groove fixing at least one of:

said edge portion of said inner paneling; and

said free edge portion of said outer paneling.

11. The refrigerator door according to claim 7, wherein said plastic profile has two receiving grooves fixing said edge portion and said free edge portion.

338 } 12. The refrigerator door according to claim 1, wherein said inner paneling is formed from a special-steel blank.

09933054-082001

13. The refrigerator door according to claim 12, wherein said inner paneling is substantially formed in a non-cutting manner.

14. The refrigerator door according to claim 12, wherein said inner paneling is substantially formed without cutting said inner paneling.

15. A refrigerator door, comprising:

an outer paneling having a free edge portion and being made from a metallic material;

an inner paneling having an edge portion and being made from metallic material, said inner paneling spaced from said outer paneling;

a thermal insulation layer produced by foaming, said thermal insulation layer being disposed between said outer paneling and said inner paneling;

a means for thermally insulatingly coupling said edge portion to said free edge portion, said coupling means substantially thermally uncoupling said edge portion from said free edge portion.